

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP2005/050292

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A47J31/54 A47J31/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/014161 A1 (MORK STEVE O ET AL) 7 February 2002 (2002-02-07)	1-6,8-13
Y	paragraphs '0046! - '0053!; figures 2-6	7
Y	DE 198 56 386 C1 (BLECKMANN GMBH, SALZBURG) 27 July 2000 (2000-07-27) column 4, line 4 - column 6, line 5; figures	7
X	CH 671 326 A5 (SIEMENS AKTIENGESELLSCHAFT BERLIN UND MUENCHEN) 31 August 1989 (1989-08-31) the whole document	1-6,8-13
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

24 May 2005

Date of mailing of the international search report

06/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/030696 A (HP INTELLECTUAL CORP) 17 April 2003 (2003-04-17) cited in the application page 6, line 11 - page 17, line 10; figures 2,4 -----	1-3,8, 10-13
X	US 2004/018009 A1 (LIN YU-YUAN) 29 January 2004 (2004-01-29) paragraphs '0010! - '0012!; figures 2-4 -----	1,8, 10-13
X	DE 28 56 518 A1 (BOSCH-SIEMENS HAUSGERAETE GMBH) 10 July 1980 (1980-07-10) page 5; paragraph 4 - page 8; figure 1 -----	1,3-5
E	EP 1 522 244 A (HP INTELLECTUAL CORP) 13 April 2005 (2005-04-13) paragraphs '0028! - '0051!; figures 2,3 -----	1-3, 10-13

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Information on patent family members

International Application No

PCT/EP2005/050292

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002014161 A1	07-02-2002	US 6279459 B1 US 6085638 A AU 1929500 A CA 2352782 A1 WO 0033710 A2	28-08-2001 11-07-2000 26-06-2000 15-06-2000 15-06-2000
DE 19856386 C1	27-07-2000	NONE	
CH 671326 A5	31-08-1989	DE 8618149 U1 AT 333386 A ,B	04-09-1986 15-05-1994
WO 03030696 A	17-04-2003	WO 03030696 A1 US 2003066431 A1	17-04-2003 10-04-2003
US 2004018009 A1	29-01-2004	NONE	
DE 2856518 A1	10-07-1980	NONE	
EP 1522244 A	13-04-2005	US 2005076787 A1 CA 2482123 A1 EP 1522244 A2	14-04-2005 09-04-2005 13-04-2005